

Remarks

Claim Rejections

The Office Action rejected Claims 1-21 under 35 U.S.C. §102(b) as being anticipated by Zirm (USPN 5,376,007). Independent Claim 1 has been amended to indicate that the microscopy laboratory system also includes a display image marker means connected to the multiplexed control means for enabling the instructor to annotate the instruction image. Support for this amendment can be found in features of cancelled Claims 12 and 13. Claims 12 and 13 have been cancelled without prejudice to facilitate prosecution. Thus, no new matter has been added by the amendment.

35 U.S.C. §102(b) provides that "a person shall be entitled to a patent unless the invention was patented or described in a printed publication . . . more than one year prior to the date of the application." Accordingly, a rejection based on anticipation requires that the four corners of a single, prior art document describe each and every element of the claimed invention, either expressly or inherently, such that a person of ordinary skill in the art could practice the invention without undue experimentation. *See Atlas Powder Co. v. Ireco, Inc.*, 51 U.S.P.Q.2d 1943, 1947 (Fed. Cir. 1999). In other words, anticipation requires identity of invention: the claimed invention, as described in appropriately construed claims, must be the same as that of the reference, in order to anticipate. *Glaverbel Societe Anonyme v. Northlake Marketing & Supply Inc.*, 33 U.S.P.Q.2d 1496, 1498 (Fed. Cir. 1995). *See also In re Spada*, 15 U.S.P.Q.2d 1655, 1657 (Fed. Cir. 1990) ("the reference must describe the applicant's claimed invention sufficiently to have placed a person of ordinary skill in the field of the invention in possession of it"). Anticipation is a question of fact. *In re Graves*, 36 U.S.P.Q.2d 1697, 1700 (Fed. Cir. 1995). An invention is anticipated only if each and every element as set forth in the claims is found, either expressly or inherently, in a single prior art reference. Neither the entire Zirm reference nor specifically, Zirm (column 4, lines 43-46) either expressly or inherently, teaches a display image marker means connected to the multiplexed control means for enabling the instructor to annotate the instruction image. Thus in light of the amendments, Applicant respectfully traverses the rejection of Claims 1-11, and 14-21 and requests reconsideration.

New Claims

Support for the new Claim 22 can be found in the specification at page 3, lines 1-2 and page

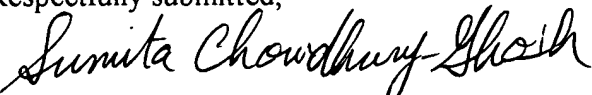
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6, lines 1-2 and techniques for image enhancement known to those skilled in the art. Thus, no new matter is contained herein.

Conclusion

The foregoing is submitted as a full and complete Response to Office Action. Applicants respectfully submit that the present application is now in condition for Issue, which action is courteously requested. The Examiner is invited and encouraged to contact the undersigned attorney of record if such contact will facilitate an efficient examination and allowance of the application.

Respectfully submitted,



Sumita Chowdhury-Ghosh, Ph.D.

Registration No. 50,476

Agent for Applicant

Simpson & Simpson, PLLC

5555 Main Street

Williamsville, NY 14221

Telephone: (716) 626-1564

Facsimile: (716) 626-0366

Dated: March 18, 2003
SCG

VERSION WITH MARKINGS TO SHOW CHANGES MADE

Claim 1 (Amended)

1. A microscopy laboratory system comprising:
a plurality of student microscopes;
a plurality of cameras associated one with each of said plurality of student microscopes for generating an image signal representing a student view image of at least a portion of the field of view of said student microscope;
multiplexed control means connected to said plurality of cameras for receiving said image signals and enabling an instructor to select a set of said image signals for display, wherein said multiplexed control means generates an instruction image signal generated from said selected set of image signals; and
display means connected to said multiplexed control means for receiving said instruction image signal and displaying an instruction image comprising student view images corresponding to said selected set of image signals; and
a display image marker means connected to said multiplexed control means for enabling said instructor to annotate said instruction image.

Claim 12 (Cancelled)

12. [The microscopy laboratory system according to claim 1, further comprising a display image marker connected to said multiplexed control means for enabling said instructor to annotate said instruction image.]

Claim 13 (Cancelled)

13. [The microscopy laboratory system according to claim 2, further comprising a display image marker connected to said multiplexed control means for enabling said instructor to annotate said instruction image.]

Claim 22(New)

22. (New) The microscopy laboratory system according to claim 14, wherein said stored images

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are enhanced by a process selected from the group consisting of increasing the resolution of said images, adding audio effects to said images, converting said images to text files, manipulating the color of said images, observing the three-dimensional effects of said images, and printing said images.